



IFW  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Augusto Rodriguez et al.

Atty. Docket No.: 5242.00059

Confirmation No. 4091

Application No.: 10/628,577

Group Art Unit: 1731

Filed: September 29, 2003

Examiner: TBA

For: ANIONIC-CATIONIC POLYMER BLEND FOR SURFACE SIZE

INFORMATION DISCLOSURE STATEMENT

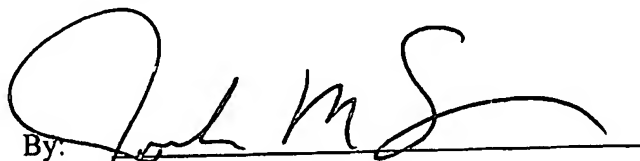
U.S. Patent and Trademark Office  
220 20<sup>th</sup> Street S. - Customer Window, Mail Stop  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed is Form PTO-1449 listing documents for consideration by the Examiner during the prosecution of the subject application. The documents are filed concurrently herewith. Included with these documents is an International Search report issued in connection with applicant's corresponding PCT application. Copies of those documents listed on the International Search Report are being submitted. Each item of information contained in the information disclosure statement was first cited in the communication from the PCT in the counterpart PCT application not more than three months prior to the filing of this information disclosure statement. As a result, we do not believe a fee is due to enter this paper or to consider the submitted documents. If a fee is required, please charge our deposit account no. 19-0733.

Respectfully submitted,

Date: 23 Dec. 2004

By:   
Joseph M. Skerpon  
Registration No. 29,862

BANNER & WITCOFF, LTD.  
1001 G Street, N.W.  
Washington, D.C. 20001-4597  
(202) 824-3000  
JMS/bao



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete If Known**

|                        |                           |
|------------------------|---------------------------|
| Application Number     | 10/628,577                |
| Filing Date            | September 29, 2003        |
| First Named Inventor   | Augusto Rodriguez, et al. |
| Art Unit               | 1731                      |
| Examiner Name          | TBA                       |
| Attorney Docket Number | 5242.00059                |

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| MR                     |                          | US- 2002/0117280                           | 08-29-2002                     | Howe et al.  |   |
| ER                     |                          | US- 4,148,515                              | 03-27-1979                     | Bulkema et al.                                     |   |
| CR                     |                          | US- 6,235,835                              | 05-22-2001                     | Niessner et al.                                    |   |
| LR                     |                          | US- 6,359,040                              | 03-19-2002                     | Burdick  |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>3</sup> |
|------------------------|--------------------------|---|-----------------------------------|---|--|----------------|
|                        |                          | Country Code <sup>3</sup> - Number <sup>2</sup> - Kind Code <sup>4</sup> (if known) |                                   |   |  |                |
| DR                     |                          | EP 0 362 770 A2   | 04-11-1990                        | EP  |  |                |
| MR                     |                          | EP 1 285 993 A1   | 02-26-2003                        | EP  |  |                |
| NR                     |                          | WO 02/12622 A1  | 02-14-2002                        | PCT   |  |                |
| OR                     |                          | WO 02/33172 A1  | 04-25-2002                        | PCT   |  |                |
| PR                     |                          | WO 02/35003 A1  | 05-02-2002                        | PCT   |  |                |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of<br>the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue<br>number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|---|----------------|
|                        | 1.                       | International Search Report, dated March 12, 2004   |                |
|                        |                          |   |                |

|                       |                       |                    |         |
|-----------------------|-----------------------|--------------------|---------|
| Examiner<br>Signature | <i>Edward C. Chay</i> | Date<br>Considered | 8/23/05 |
|-----------------------|-----------------------|--------------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Augusto RODRIGUEZ, *et al.* ) Group Art No. 1731  
Serial No.: 10/628,577 ) Examiner: TBA  
Filed: July 29, 2003 ) Docket No: 005242.00059

For: ANIONIC-CATIONIC POLYMER BLEND FOR SURFACE SIZE

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

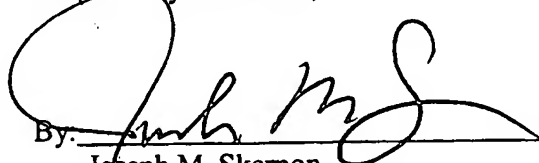
Sir:

Pursuant to 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §1.97, Applicants submit herewith Form PTO-1449, identifying information for consideration by the Examiner. Copies of the items of information are enclosed.

Applicants do not waive any rights to take appropriate action to establish patentability over the listed documents should it be applied as a reference against the claims of the present application.

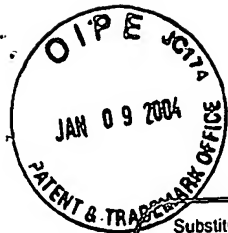
Consideration of the cited information and making the same of record in the prosecution of the above-noted application are respectfully requested. Should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

By:   
Joseph M. Skerpon  
Registration No. 29,864

BANNER & WITCOFF, LTD.  
1001 G Street, N.W.  
Washington, D.C. 20001-4597  
(202) 824-3000

Dated: January 6, 2003



PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/628,577        |
| Filing Date            | July 29, 2003     |
| First Named Inventor   | Augusto Rodriguez |
| Group Art Unit         | 1731              |
| Examiner Name          | TBA               |
| Attorney Docket Number | 005242.00059      |

### U.S. PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--|--------------------------------|--|---|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| DRC                    |                          | US- 3,941,736                              | March 2, 1978                  | Aldrich  |   |
| DRC                    |                          | US- 4,109,053                              | August 22, 1978                | Aldrich  |   |
| DRC                    |                          | US- 4,112,155                              | September 5, 1978              | Carel, et al.                                      |   |
| DRC                    |                          | US- 4,115,331                              | September 19, 1978             | Tominaga, et al.                                   |   |
| DRC                    |                          | US- 4,835,212                              | May 30, 1989                   | Degen, et al.                                      |   |
| DRC                    |                          | US- 4,855,343                              | August 8, 1989                 | Degen, et al.                                      |   |
| DRC                    |                          | US- 5,139,614                              | August 18, 1992                | dePleme, et al.                                    |   |
| DRC                    |                          | US- 5,290,849                              | March 1, 1994                  | Lee  |   |
| DRC                    |                          | US- 5,338,407                              | August 16, 1994                | Dasgupta   |   |
| DRC                    |                          | US- 5,525,661                              | June 11, 1996                  | Lee  |   |
| DRC                    |                          | US- 5,591,489                              | January 7, 1997                | Dragner, et al.                                    |   |
| DRC                    |                          | US- 5,795,932                              | August 18, 1998                | Dragner, et al.                                    |   |
| DRC                    |                          | US- 5,824,190                              | October 20, 1998               | Guerro, et al.                                     |   |
| DRC                    |                          | US- 6,031,037                              | February 29, 2000              | Ghafoor, et al.                                    |   |
| DRC                    |                          | US- 6,051,107                              | April 18, 2000                 | Varnell  |   |
| DRC                    |                          | US- 6,087,457                              | July 11, 2000                  | Tsai   |   |
| DRC                    |                          | US- 6,100,322                              | August 8, 2000                 | Persson, et al.                                    |   |
| DRC                    |                          | US- 6,114,417                              | September 5, 2000              | O'Toole, et al.                                    |   |
| DRC                    |                          | US- 6,171,444                              | January 9, 2001                | Nigam  |   |
| DRC                    |                          | US- 6,187,138                              | February 13, 2001              | Neal, et al.                                       |   |

### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>3</sup> |
|------------------------|--------------------------|---|-----------------------------------|---|--|----------------|
|                        |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                   |   |  |                |
| DRC                    |                          | WO 93/11300   | June 10, 1993                     | Hamunen, et al.                                       |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |
|                        |                          |   |                                   |   |  |                |

Examiner  
Signature

*Reino Corday*

Date  
Considered

8/23/2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

|       |   |    |   |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

**Complete if Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/628,577        |
| Filing Date            | July 29, 2003     |
| First Named Inventor   | Augusto Rodriguez |
| Group Art Unit         | 1731              |
| Examiner Name          | TBA               |
| Attorney Docket Number | 005242.00059      |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

8/23/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark